

## SEQUENCE LISTING

<110> Stein, Cy

<120> PHOSPHOROTHIOATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES

<130> 0575/63180

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<170> PatentIn version 3.0

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Pro Ala Gln Ala Gln Gln Asp Val Val Asp Leu Asp Phe Phe Thr Gln
35      40      45
Glu Pro Leu His Leu Val Ser Pro Ser Phe Leu Ser Val Thr Ile Asp
50      55      60
Ala Asn Leu Ala Thr Asp Pro Arg Phe Leu Ile Leu Leu Gly Ser Pro
65      70      75      80
Lys Leu Arg Thr Leu Ala Arg Gly Leu Ser Pro Ala Tyr Leu Arg Phe
85      90      95
Gly Gly Thr Lys Thr Asp Phe Leu Ile Phe Asp Pro Lys Lys Glu Ser
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Thr Phe Glu Glu Arg Ser Tyr Trp Gln Ser Gln Val Asn Gln Asp Ile
115     120     125
Cys Lys Tyr Gly Ser Ile Pro Pro Asp Val Glu Glu Lys Leu Arg Leu
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Glu Trp Pro Tyr Gln Glu Gln Leu Leu Leu Arg Glu His Tyr Gln Lys
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 Gly Asn Glu Pro Asn Ser Phe Leu Lys Lys Ala Asp Ile Phe Ile Asn  
 225 230 235 240  
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 260 265 270  
 Pro Arg Arg Lys Thr Ala Lys Met Leu Lys Ser Phe Leu Lys Ala Gly  
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 Gly Glu Val Ile Asp Ser Val Thr Trp His His Tyr Tyr Leu Asn Gly  
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 Arg Thr Ala Thr Arg Glu Asp Phe Leu Asn Pro Asp Val Leu Asp Ile  
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 Gly Ala Pro Leu Leu Ser Asp Thr Phe Ala Ala Gly Phe Met Trp Leu  
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 Asp Lys Leu Gly Leu Ser Ala Arg Met Gly Ile Glu Val Val Met Arg  
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 Gln Val Phe Phe Gly Ala Gly Asn Tyr His Leu Val Asp Glu Asn Phe  
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 Asp Pro Leu Pro Asp Tyr Trp Leu Ser Leu Leu Phe Lys Lys Leu Val  
 405 410 415  
 Gly Thr Lys Val Leu Met Ala Ser Val Gln Gly Ser Lys Arg Arg Lys  
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 Glu Gly Asp Leu Thr Leu Tyr Ala Ile Asn Leu His Asn Val Thr Lys  
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Tyr Leu Arg Leu Pro Tyr Pro Phe Ser Asn Lys Gln Val Asp Lys Tyr  
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Leu Asn Gly Leu Thr Leu Lys Met Val Asp Asp Gln Thr Leu Pro Pro  
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Leu Met Glu Lys Pro Leu Arg Pro Gly Ser Ser Leu Gly Leu Pro Ala  
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Phe Ser Tyr Ser Phe Phe Val Ile Arg Asn Ala Lys Val Ala Ala Cys  
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